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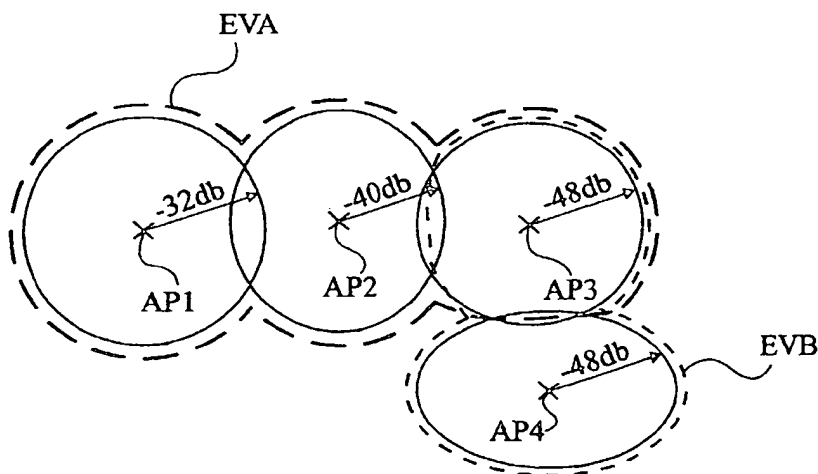
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(54) Title: LOCALIZATION OF RADIO-FREQUENCY TRANSCEIVERS



(57) **Abstract:** The invention concerns a localization and communication methods and system between mobile stations and a central server through a wireless network comprising a plurality of wireless radio-frequency transmitting access points (AP1-AP4), among which a first access point is chosen to perform the communication, comprising the steps of measuring the signal strengths received by said station from the plurality of access points; storing each measured strength with an address identifying the corresponding connected access point; comparing said stored strengths to values of a predetermined table of signal strength thresholds affected to access points; defining one or more event zones (EVA, EVB) each comprising one or more attenuation ranges of one or more access points; and considering the station as located in a given event zone if the measured strength corresponding to an access point defining that event zone is comprised in the attenuation range of that access point.

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